

S-E-C-R-E-T

CENTRAL INTELLIGENCE AGENCY
PHOTOGRAPHIC INTELLIGENCE CENTER

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PHOTOGRAPHIC INTELLIGENCE BRIEF

SUBJECT : SSM Unit in Transit NO. : PIC/B-1001/60
LOCATION : Moscow, USSR DATE : 7 January 1960
WAC NUMBER: 167
REFERENCE: Army, Moscow. [REDACTED] 4 Nov 59. (S) 25X1A
25X1D

A series of ground photographs taken in Moscow [REDACTED] shows part of a train transporting vehicles of a road-mobile surface-to-surface missile (SSM) system. The train, which was in the rail yard near Lenin Stadium, was stated by [REDACTED] to consist of about 30 flatcars and 10 boxcars. The flatcars were reported to carry 3 fuel semitrailers, 3 acid or liquid-oxygen semitrailers, 2 missile transporter/trailers, 8 ZIS-151 trucks with van-type bodies, 8 ZIS-151 trucks with shop/van-type bodies, 5 ZIS-151 general-purpose trucks, and about 20 two-wheeled trailers. Of the reported equipment, the photographs cover 5 tank-type semitrailers, 2 missile transporter/trailers, and about 15 trucks. 25X1C

Most important are the two canvas-covered, two-axle, missile transporter/trailers located on four of the flatcars. These flatcars appear similar to a type known to be 34 feet long. On the basis of this length, the transporter/trailers measure about 66 feet long, and the distance between axles is about 33 feet. The distance between the front of the transporter/trailer and what is believed to be the forward cradle arm is about 21 feet. The large missile transporter/trailer photographed in the November 1957 Moscow parade measures 65 feet long, and the distance between the axles is 34.6 feet. The distance from the front of this transporter/trailer to the first cradle arm is 28 feet. From this comparison it can be concluded that the missile transporter/trailer on the train is quite similar to the transporter/trailer with missile seen in the Moscow parade which is believed to be carrying the Shyster missile (SS-4). 25X1C

It should be noted that no tracked prime movers were on the train and that the trucks identified [REDACTED] as ZIS-151 are by design rather light for hauling this type of loaded transporter/trailer. The latticework undercarriage of one of the transporter/trailers is probably the tongue of the trailer in a reversed position for transporting and does not indicate that the trailer may also be a launcher, as suggested [REDACTED] 25X1C

Declass Review by NIMA / DoD